

## CNOT10 Antibody

Catalog No: #46960

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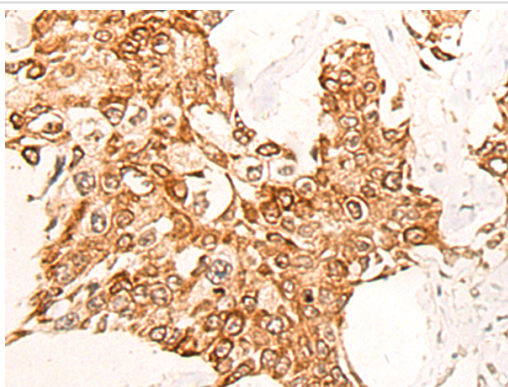
## Description

Product Name	CNOT10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CNOT10 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human CNOT10
Target Name	CNOT10
Accession No.	Swiss-Prot#:Q9H9A5NCBI Gene ID:25904Gene Accssion:BC002931
Uniprot	Q9H9A5
GeneID	25904;
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

## Application Details

Immunofluorescence: 1: 20-100

## Images



The image is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 46960(CNOT10 Antibody) at dilution 1/20. (Original magnification: ?00)

## Background

CNOT10 is a subunit of the CCR4-NOT complex which consists of at least five other CNOT subunit proteins and TAB182. The CCR4-NOT complex is an evolutionarily conserved, multi-component complex known to be involved in transcription, as well as in mRNA degradation. Various subunits (e.g. CNOT1, CNOT3) are uniquely involved in influencing nuclear hormone receptor activities. In effect, this complex has an important role as a transcription regulator and repressor of nuclear receptor signaling that is relevant to the molecular pathways involved in cancer. The CCR4-NOT complex is also involved in the regulation of Histone H3 lysine 4 methylation through a ubiquitin-dependent pathway that likely involves the

proteasome.

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Note: This product is for in vitro research use only